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## » Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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```
S "FUEL SUPPLY" (S)  LIMIT ? (S)  "FUEL CURVE"  
    415  FUEL SUPPLY  
    6488  LIMIT ?  
        0  FUEL CURVE  
S1      0  "FUEL SUPPLY" (S)  LIMIT ? (S)  "FUEL CURVE"  
?
```

```
S "FUEL SUPPLY" AND (LIMIT ? (S) "FUEL CURVE")
    415 FUEL SUPPLY
    6488 LIMIT ?
        0 FUEL CURVE
        0 LIMIT ?(S) FUEL CURVE
    S2    0 "FUEL SUPPLY" AND (LIMIT ? (S) "FUEL CURVE")
?
```

```
S "FUEL SUPPLY" AND  LIMIT??? AND  "FUEL CURVE"
      415  FUEL SUPPLY
      758230  LIMIT???
            0  FUEL CURVE
S4      0  "FUEL SUPPLY" AND  LIMIT??? AND  "FUEL CURVE"
?
```

S (FUEL? (5W) SUPPLY?) AND LIMIT??? AND "FUEL CURVE"  
527814 FUEL?  
341871 SUPPLY?  
6715 FUEL?(5W)SUPPLY?  
758230 LIMIT???  
0 FUEL CURVE  
S6 0 (FUEL? (5W) SUPPLY?) AND LIMIT??? AND "FUEL CURVE"  
?

S (FUEL? (S) SUPPLY?) AND "FUEL CURVE"  
527814 FUEL?  
341871 SUPPLY?  
16535 FUEL?(S) SUPPLY?  
0 FUEL CURVE  
S8 0 (FUEL? (S) SUPPLY?) AND "FUEL CURVE"



S (FUEL? (S) SUPPLY?) AND (FUEL (2N) CURVE)

527814 FUEL?

341871 SUPPLY?

16535 FUEL?(S) SUPPLY?

427236 FUEL

195973 CURVE

147 FUEL(2N) CURVE

S9 5 (FUEL? (S) SUPPLY?) AND (FUEL (2N) CURVE)

?

T S10/3,KWIC/1-5

10/3,KWIC/1 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
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1425780 NTIS Accession Number: DE89770151

**Practical Investigations on a Tractor with a Diesel Ethanol Engine**

Reich, R.

Hohenheim Univ., Stuttgart (Germany, F.R.). Inst. fuer Agrartechnik.

Corp. Source Codes: 043662008; 9202950

Sponsor: Landesanstalt fuer Landwirtschaftliches Maschinen- und Bauwesen, Stuttgart (Germany, F.R.); Ministerium fuer Wirtschaft, Mittelstand und Verkehr des Landes Baden-Wuerttemberg, Stuttgart (Germany, F.R.); Ministerium fuer Ernaehrung, Landwirtschaft, Umwelt und Forsten Baden-Wuerttemberg, Stuttgart (Germany, F.R.).

Report No.: NP-9770151

Nov 83 57p

Languages: German

Journal Announcement: GRAI8910; NSA1400

In German. Agrartechnische Berichte.; no. 19.

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NTIS Prices: PC A04/MF A01

... engine. After introductory remarks on the engine design, the characteristics of the ethanol are given ( supply , use as a fuel ). Further investigations carried through were a comparison between this tractor and a diesel tractor of exactly identical design (engine torque curve , performance characteristics, fuel consumption, acceleration), and work relative to the influence of the water content of the ethanol...

10/3,KWIC/2 (Item 2 from file: 6)  
DIALOG(R)File 6:NTIS  
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1415754 NTIS Accession Number: TIB/B88-82964

**Praktische Untersuchungen an einem Schlepper mit Diesel-Aethanol-Motor.  
(Practical investigations on a tractor with a diesel ethanol engine)**

Reich, R.

Hohenheim Univ., Stuttgart (Germany, F.R.). Inst. fuer Agrartechnik.  
Landesanstalt fuer Landwirtschaftliches Maschinen- und Bauwesen, Stuttgart (Germany, F.R.);

Corp. Source Codes: 043662008

Sponsor: Ministerium fuer Wirtschaft, Mittelstand und Verkehr des Landes Baden-Wuerttemberg, Stuttgart (Germany, F.R.);; Ministerium fuer Ernaehrung, Landwirtschaft, Umwelt und Forsten des Landes Baden-Wuerttemb

Nov 83 56p

Languages: German

Journal Announcement: GRAI8907

In German, Agrartechnische Berichte, no. 19.

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NTIS Prices: PC E09

... engine. After introductory remarks on the engine design, the

characteristics of the ethanol are given ( supply , use as a fuel ). Further investigations carried through were a comparison between this tractor and a diesel tractor of exactly identical design (engine torque curve , performance characteristics, fuel consumption, acceleration), and work relative to the influence of the water content of the ethanol...

10/3,KWIC/3 (Item 1 from file: 63)

DIALOG(R)File 63:Transport Res(TRIS)

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00173733 DA

**TITLE: D.E.T.S.--DIESEL ENGINE TUNING SYSTEM**

AUTHOR(S): Bentzen, R

CORPORATE SOURCE: Seehafen-Verlag Erik Blumenfeld, Celsiusweg 15, D-2000 Hamburg , West Germany

JOURNAL: Schiff und Hafen Vol: 29 Pag: 2 pp

PUBLICATION DATE: 19771000 PUBLICATION YEAR: 1977

LANGUAGE: English SUBFILE: MRIS (M 7806)

AVAILABILITY: British Ship Research Association; Wallsend Research Station ; Wallsend, Northumberland; England

ORDER NUMBER: BSRA No. 47,782

REFERENCES: 5 Ref.

DATA SOURCE: British Ship Research Association

...ABSTRACT: allow engine adjustments to be made in the interests of optimum combustion and its attendant fuel and other savings. The system may be used, first, to check the cylinder pressure; then, if abnormalities are detected, the fuel injection cycle can be checked, and this will also reveal any possible faults in the air- supply /scavenging system. The central unit of DETS consists of the I/O system, A/D...

...amplifiers, the processor (an INTEL 8080 micro-computer), hard-copy printer, communication panel, and power supply . These arrangements are further explained with the aid of a diagram; a copy of an...

...also included. A standard print-out, for each cylinder, contains a cylinder-pressure and a fuel injection-pressure curve , together with "normal" and "actual" alpha-numeric data on the cylinder performance. When all cylinders...

...special attention. Some data on measurement accuracy and repeatability, together with brief information on possible fuel and other economies resulting from the use of the system, are included in the article...

10/3,KWIC/4 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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05800782 JICST ACCESSION NUMBER: 04A0421658 FILE SEGMENT: JICST-E

**Feasibility of Wood-biomass Utilization as an Energy Source: Case Study in Tohno City, Iwate Prefecture.**

KUBOYAMA HIROSHI (1); IEHARA TOSHIRO (1); OKUDA HIROKI (1); NISHIZONO TOMOHIRO (2)

(1) Forestry and Forest Products Res. Inst., JPN; (2) Forestry and Forest Products Res. Inst., Tohoku Res. Center, JPN

Nippon Ringakkaishi(Journal of the Japanese Forestry Society), 2004, VOL.86,NO.2, PAGE.112-120, FIG.7, TBL.3, REF.12

JOURNAL NUMBER: F0858AAW ISSN NO: 0021-485X CODEN: NIRKA

UNIVERSAL DECIMAL CLASSIFICATION: 630\*82/\*84 662.63+662.65  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

...ABSTRACT: Tohno City, we examined the feasibility of utilizing forestry and timber processing residues as biomass fuel based on energy cost. Since there are several types of biomass fuel which have different moisture content and supply amount, the potential supply was estimated for each fuel type by using timber production and processing statistics and forest biomass yield tables. The total amount of residue was estimated at 58,000t per year. To increase the wood-biomass supply it is important to establish inexpensive collecting systems for forestry residues, because the amount of...

...is three times larger than that of timber processing residues. Energy costs were defined as fuel cost per kg, including processing and transportation cost, divided by calorific value per kg. A comparison of the energy costs of biomass fuel to that of heavy oil, revealed that timber processing residues, excluding chips for pulp, were highly feasible. The supply curve of biomass fuel obtained suggested that we could collect biomass fuel more cheaply on a regional scale than on a municipal one under a limited demand. As the reliable amount of biomass fuel supply in Tohno was estimated at 6,500t per year, construction of a rather small energy...

10/3,KWIC/5 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
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01440603 20000806473

**Titel russisch**  
(Druckventil - Former der aeusseren Geschwindigkeitskennlinie des Dieselmotors)  
Markov, VA; Malcuk, VI; Sirotin, EA  
TU 'MADI'; SIL; MGTU imeni N.E. Bauman  
Avtomobilnaja Promyslennost, v52, n5, pp21-23, 2000  
Document type: journal article Language: Russian  
Record type: Abstract  
ISSN: 0005-2337

DESCRIPTORS: PRESSURE REGULATING VALVE; COMPRESSION IGNITION ENGINE;  
HODOGRAPH CURVE ; FUEL SUPPLY ; CRANKSHAFTS; ANGULAR SPEED; FUEL  
INJECTION PUMPS; FUEL CONSUMPTION; WORKING ORDER  
?